

Maharashtra Preparedness To COVID – 19

Compendium of Good Practices for Small and Medium Towns – Focus on sanitation

Swachh Maharashtra Mission for Urban areas (SMMUA)

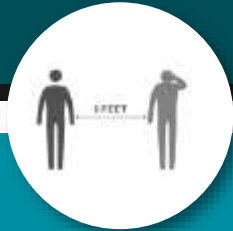
Urban Development Department, Government of Maharashtra

Center for Water and Sanitation (C-WAS), CRDF, CEPT University

April 2020

Thematic Areas of Intervention by ULBs

1. Measures on Containment



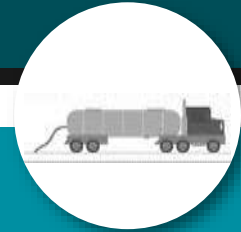
1. Preparation of isolation wards & demarcation of quarantine areas
2. Maintaining social distancing at market place, Community toilet etc
3. Hand washing facilities and use of disinfectants
4. Command and control center/ call center etc

2. Protecting sanitation workers & vulnerable groups



1. Provision and Procurement of PPEs
2. SHG engagements
3. Homeless shelters and providing necessary basic services
4. Disinfection and other measures in slums and other vulnerable points
5. Awareness Generation Activities

3. Response for SWM from Quarantine facility



1. Collection of waste from Quarantined Households
2. Transportation of Waste
3. Processing and Disposal

Thematic Areas of Intervention by ULBs

1. Measures on containment



1. Preparation of isolation wards & demarcation of quarantine areas
2. Maintaining social distancing at market place, Community toilets etc
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2. Protecting Front line workers & Vulnerable Groups



1. Provision and Procurement of PPEs
2. SHG engagements
3. Homeless shelters and providing necessary basic services
4. Disinfection in slums and other vulnerable points
5. Ensuring regular water supply in slums and at hand washing facilities, CTs

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1. Measures on containment



Disinfectant Spraying at Uran Islampur

1. Measures on containment – 1/7

1. Preparation of isolation wards & demarcation of quarantine areas

- Wai city council prepared a **containment plan** for COVID-19 for which Rapid Response teams have been formed. Online registration for people who have travelled out of Wai/Satara. The information is then shared with respective cities to check on the listed people and home quarantine them.
- A message was circulated in all local groups stating that “self quarantine is best for all”.
- Isolation wards have been arranged in many ULBs.
- In Ambejogai, Ambad and Ahmadpur isolation wards created in govt. hospitals.



Buldhana: Isolation Facility

Wai: Online registration for people and home quarantine stickers



Shahada: Quarantine Facility



Kannad: Quarantine Facility

1. Measures on containment - 2/6

2. Maintaining social distancing at market places

At Markets

- Social Distancing in market places have been maintained by demarcating circles approx. at 3 feet
- Vegetable markets have been shifted to open grounds in many cities in order to maintain social distancing



Risod: Social distancing at a grocery store



Sinnar: Vegetable market shifted from city center to outskirts



Aurangabad: Social distancing markers in Kannad market area



Ahmedpur: Social Distancing at essential amenity stores



Social Distancing at medical store



Ahmedpur: Social Distancing

1. Measures on containment - 3/6

2. Maintaining social distancing at Community Toilets, slums

At Community Toilets

- Social Distancing in community toilets have been maintained by demarcating circles approx. at 1 meter. San workers, care takers appointed to monitor
- Certain cities have increased the daily cleaning frequency
- Narkhed have formed **3 pathaks (groups of people)** to monitor social distancing



Social distancing at a community toilet



Pachora: Social distancing at a community toilet



Pimpri Chinchwad: Social distancing at a CT



Vadgaon Kasba : Social distancing at a community toilet

1. Measures on containment – 4/6

3. Hand washing facilities and Use of Disinfectants

Hand Washing Facilities with water supply

- Some cities have taken steps to provide hand washing facilities with water supply in near medical stores, markets, slums and near 'Hot Spots'
- In Mangrulpir, Amravati the ULB has installed hand wash facility in a public place and also deployed a person to spread awareness on proper method of hand wash.
- In Hingoli, Aurangabad the cities have installed hand washing at 10 major points in city for sanitation workers, police and all those who might be in need.



Shahada: Hand washing facilities with awareness generation display



Pachora: Hand washing facilities with awareness generation display



Mangrulpir: Hand washing facilities



Hingoli: Hand washing facilities

1. Measures on containment – 5/6

3. Hand washing facilities and Use of Disinfectants

Spraying of Disinfectants

- Most ULBs have been using a A solution of sodium hydrochloride for disinfecting
- Different modes have been used to reach all part of the city
- Elected representatives have also actively participated
- In Bhum, all vehicles are disinfected at the entry point of the city



Pune and Nashik: Cities in Nashik Division and Pune have involved fire fighters in disinfection



Raver: Disinfecting all public spaces and residential areas



Ahmedpur: Disinfecting all ambulances and public vehicles.



Bhum: Disinfecting every vehicle entering into the city

1. Measures on containment – 6/6

3. Command and Control Centers

- In Sinnar A committee has been formed of officials and gov doctors and office space has been allotted known as “**Corona kaksh**”
- In Buldhana, a command and control center has been formed



Buldhana : Control Center



Sinnar: Corona Kaksh in Sinnar

Thematic Areas of Intervention by ULBs - 2

1. Measures on Containment



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2. Protecting sanitation workers & vulnerable groups



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Survey of migrant laborers

2. Protecting sanitation workers, vulnerable groups 1/6

1. Provision and Procurement of PPEs

- Most ULBs have been using the 14th FC funds for procuring PPE
- PPE are procured locally, some have released short tender to supply the PPEs on urgent basis
- Sanitizers and soaps along with PPE have been give to san workers
- Apart from PPE and sanitizer provision awareness generation sessions also conducted
- Checking their body temperature once in two days by some cities
- Hazmat suits purchased by Khopoli and Pen in case there are positive cases



Kamleshwar: Checking of body temp



PPE provision along with awareness generation session on health risks and how to stay safe. Monitoring register also made



Pusad: PPE provision



PPE provision



Risod: PPE and Sanitation Kit

2. Protecting sanitation workers, vulnerable groups 2/6

2. SHG Engagements

- Self Help Groups Kalmeshwar (Nagpur) and Wani (Amravati), Dhule and many other cities are involved in preparing masks
- The SHGs from Wani, has also been involved in awareness activities through distribution of pamphlets and conducting health surveys.
- ULB's such as Lanja (Konkan) have employed 40 -50 ASHA workers for making mask. Each ASHA worker makes 5-10 masks per day that are sold for 25/-
- SHGs in Pen (Konkan) are involved in food distribution to homeless families and those in need
- SHGs in Shirpur, Nashik are working with individuals and families who have recently migrated from other cities or have a history of international travel. The SHG women stamp the hands of families marking them for self-quarantine.



Shirpur: Stamping a family for home quarantine



Wani (Amravati): SHG women involved in health survey



Lanja: ASHA worker preparing masks



Wani: disseminating pamphlets on COVID-19 awareness and Health survey



2. Protecting sanitation workers, vulnerable groups 3/6

3. Homeless shelters and providing necessary basic services

Food Provision and Shelter

- ULB's and NGOs have been involved in conducting relief work with the vulnerable groups. Some of the groups identified by ULB's for relief work are:
 - Differently-abled persons
 - Homeless individuals
 - Families/individuals who are stranded because of the lock-down
 - Families from lower income groups
- Pen in Konkan Division, have established ***Aadhar Aasra Kendra*** for the beggars and the migrants from nearby area. There are total 289 people staying in shelter provided with food and sanitation essentials



Pen: Shelter for beggars and migrant labourers



Paithan: Distribution of food to differently-abled people



Ambad: Food distribution in Ambad, by Samajbhan, an NGO

2. Protecting sanitation workers, vulnerable groups 4/6

3. Homeless shelters and providing necessary basic services

Food Provision and Shelter



Pusad: The news article from Pusad captures ULB's involvement in distribution of hand-wash and soap to those in need



Buldhana: ULB distributing food to homeless persons in Buldana in Amravati Division.



Alandi: ULB distributing food to those stuck in Alandi due to lockdown in Pune.

2. Protecting sanitation workers, vulnerable groups 5/6

4. Disinfection and other measures slums and other vulnerable points

Disinfection and other measures in slums

- Akkalkot has been carrying out daily awareness campaigns in slums. An Auto rickshaw is hired for making announcements on the speakers
- Sangli and Uran Islampur have 100% locked down their slum areas. Essentials and emergency facilities are supplied by the council and disinfectants are sprayed on a daily basis.
- In Karjat daily awareness campaigns are undertaken with NGO named Anulog which also helps in monitoring activities within the slums
- For people under BPL, WMC has prepared a list and provides food to them daily.



Kalamb: Disinfecting Slum Communities



Food material supply in Slums



Surveys conducted for migrant labourers

2. Protecting sanitation workers, vulnerable groups 6/6

4. Awareness Generation Activities

- Painting on roads, putting up banners in public places
- I.E.C on COVID- 19 issued in public interest by most ULBs
- SHGs, NGOs, and Elected Representatives have been playing an active role in awareness generation



Khalapur, Jamner: Information painted on the road



Uran Islampur: Mascots for awareness generation



Daryapur: A Traffic Police-man dressed as Corona Virus



Women elected representative involved



Risod : COVID – 19 information painted on the road



Thematic Areas of Intervention by ULBs - 3

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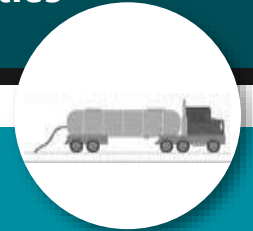
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Solid Waste Management

- All basic services are operational for all ULBs – including water supply, SWM, cleaning of community and public toilets, emergency septic tank emptying, road sweeping, gutter cleaning, etc
- Uran Islampur, Sangli, Akkalkot and Ichalkaraji and Vadgaon kasba in Pune are utilizing their bio-medical waste collection units to collect waste from the quarantined houses. This waste is collected separately and burned with no human contact.
- Roads are being cleaned regularly. Aurangabad has also undertaken drain cleaning regularly.



Uran Islampur: Collection of Biomedical waste yellow plastic Bags



Islampur : Spraying of disinfectant



PCMC: Transportation of Solid waste



Paithan: Drain Cleaning



PMC : Sanitation of Collection vehicle



Paithan: Ongoing SWM

Thank you



*Disinfectant Spraying at Uran
Islampur*